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side opposite to the upper side, a front side, a back side, a left side and a right side; said display housing having a front side comprising a visual display, a back side opposite to the front side, an upper side, a lower side, a left side and a right side; said telescoping pivot hinge system comprising:

- a hinge display male member;
- a hinge display female member;
- a hinge unitary input member;

said hinge display male member comprising a pivot for rotationally attaching to said hinge unitary input member, and a rod for telescopically inserting into and engaging to said hinge display female member;

said pivot of the hinge display male member having an axis of rotation perpendicular to the angle of inclination between the input housing upper side and the display housing front side;

the hinge display female member comprising a first open ended tunnel for receiving and telescopically engaging said rod of the hinge display male member, a second open ended tunnel for receiving and telescopically engaging said rod of the hinge display male member, and a display mating surface for mating to the display unit;

said first open ended tunnel of the hinge display female member is parallel to the display housing left side, parallel to the display housing back side, and perpendicular to the display housing lower side, whereby providing means for attaching the hinge display female member to the rod of the hinge display male member with the visual display in a landscape orientation;

said second open ended tunnel of the hinge display female member is parallel to the display housing lower side, parallel to the display housing back side, and perpendicular to the display housing left side, whereby providing means for attaching the hinge display female member to the rod of the hinge display male member with the visual display in a portrait orientation;

the hinge display female member rigidly attaches to the display housing with the first open ended tunnel approximately perpendicular to the lower side of the display housing, and with the open end of the tunnel towards the lower side of the display housing;

the rod of the hinge display male member telescopically connects inside either the first open ended tunnel of the hinge display female member, or the second open ended tunnel of the hinge display female member;

said hinge unitary input member comprising a pivot for rotationally attaching to the pivot of the hinge display male member, and an input mating surface;

the hinge unitary input member rigidly attaches to the input housing with the axis of rotation of the hinge unitary input member pivot perpendicular to the angle

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of inclination between the input housing upper side and the display housing front side;

the pivot of the hinge input unitary member rotationally attaches to the pivot of the display male member;

the pivot of the hinge input unitary member and the pivot of the display male member provide means to vary the angle of inclination between the input housing upper side and the display housing front side; and

the rod of the hinge display male member and the tunnel of the hinge display female member provide means to vary the vertical elevation from the lower side of the display housing to the upper side of the input housing.

11. The telescoping pivot hinge system of claim **10** wherein a plurality of hinge display male member rods telescopically insert into and attach to a plurality of hinge display female member tunnels.

12. The telescoping pivot hinge system of claim **10** wherein the hinge display female member is attached to the display housing by means of weld, adhesive, composite material, bolts, screws, rivets, or other type of fasteners; and the hinge input unitary member is attached to the input housing by means of weld, adhesive, composite material, bolts, screws, rivets, or other type of fasteners.

13. The telescoping pivot hinge system of claim **10** wherein the hinge display female member is integral to the display housing, and the input unitary member is integral to the input housing.

14. The telescoping pivot hinge system of claim **10** wherein the pivot of the hinge unitary input member and the pivot of the hinge display male member are connected by a pivot pin on one said member and a receiving pivot slot on the other said member.

15. The telescoping pivot hinge system of claim **10** wherein the pivot of the hinge unitary input member and the pivot of the hinge display male member are connected by a pivot bolt, or other type of fastener, which is inserted through a pivot hole in the pivot of the hinge unitary input member and a pivot hole in the pivot of the hinge display male member.

16. The telescoping pivot hinge system of claim **10** wherein the rod of the hinge display male member contains a plurality of notches, indents, or holes; the hinge display female member contains a keeper device; and the keeper on the hinge display female member controls the distance that the rod of the hinge display male member is inserted into the tunnel of the hinge display female member.

17. The telescoping pivot hinge system of claim **10** further including a remote display support which engages the hinge display male member to provide means for controlling the angle of inclination and elevation of the display housing front side when the display housing is detached from the input housing.

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